

wherein the program execution induces the occurrence of events in a predefined class of profileable events, with no profile information being recorded in response to the occurrence of profileable events;

the method further comprising the steps of:

after a triggering event is detected, the triggering event being one of a predefined class of triggering events, continuing the execution of the program, the continued execution inducing profileable events; and

recording profile entries in a memory of the computer, each profile entry describing one of the profileable events induced after the triggering event.

8. The method of claim 7, further comprising the step of:

recording profile information that records a sequence of events of the program, the sequence including every event during the profiled execution interval following the triggering event that matches time-independent criteria of profileable events to be profiled.

13. The method of claim 1, further comprising the step of:

recording profile information recording a processor mode that determines the meaning of binary instructions of the computer.

14. The method of claim 1, further comprising the step of:

recording profile information recording a data-dependent change to a full/empty mask for registers of the computer.

16. The method of claim 1, further comprising the step of:

recording profile information that records a sequence of events of the program, the sequence including every event during the profiled execution interval that matches time-independent criteria of profileable events to be profiled.

#### REMARKS

Most of the amendments to the specification are directed to conforming the specification to itself, to resolve inconsistencies in the naming of certain elements, to correct grammatical errors, and to provide additional clarity. They introduce no new matter. The text added at page 78, line 24, is supported by Table 1 (page 34 of the specification) and Fig. 5a. Because this new

text merely explains what was already present in the Table and Figure, this amendment introduces no new matter.

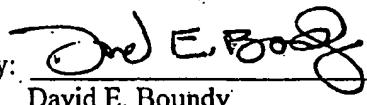
Formal drawings are provided. These drawings make minor corrections to the informal drawings originally filed, for instance to correct the inconsistency in the use of certain reference numbers.

Applicant requests that the application be passed to issue in due course. The Examiner is urged to telephone Applicant's undersigned counsel at the number noted below if it will advance the prosecution of this application, or with any suggestion to resolve any condition that would impede allowance. Kindly charge any additional fee, or credit any surplus, to Deposit Account 50-0324, Order No. 30585/10.

Respectfully submitted,

SHEARMAN & STERLING

Dated: October 31, 2000

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